

# TRANSMITTAL FORM

1C930 U.S. PRO  
09/682214  
06/07/01



Electronic Version 1.0.2

Stylesheet Version: 1.0

Attorney Docket Number: NAUP0428USA

## DRAM CIRCUITRY WITH A LONGER REFRESH PERIOD

First Named Inventor: Ta-Cheng Lin

**SUBMITTED BY**

Name: WINSTON HSU

Registration Number: 41,526

Electronic Signature Mark: Winston  
Hsu Date Signed: 20010808

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*I, the undersigned, certify that I have viewed a display of document(s) being electronically submitted to the United States Patent and Trademark Office, using either the USPTO provided style sheet or software, and that this is the document(s) I intend for initiation or further prosecution of a patent application noted in the submission. This document(s) will become part of the official electronic record at the USPTO.*

**Attached Files:**

|                   |                  |
|-------------------|------------------|
| specification     | NAUP0428.xml     |
| declaration       | NAUP0428DEC1.tif |
| declaration       | NAUP0428DEC2.tif |
| bibd-transmittal  | NAUP0428apds.xml |
| fee-transmittal   | NAUP0428fee.xml  |
| patent-assignment | NAUP0428asgn.xml |

**Attached Image File(s):**

NAUP0428DEC1.tif

NAUP0428DEC2.tif

**Comments:**

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# FEE TRANSMITTAL

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*Patent fees are subject to annual revisions on or about October 1st of each year.*

Large Entity

**TOTAL FEES AUTHORIZED: \$ 750**

**The commissioner is hereby authorized to charge indicated processing and/or publication fees and credit any overpayments to:**

Deposit Account Number: 500801

Deposit Account Name: NORTH AMERICA INTERNATIONAL PATENT OFFICE

Charge Any Additional Fee Required Under 37 C.F.R. Sections 1.16 and 1.17.

**SUBMITTED BY**

Authorized Name: WINSTON HSU

Electronic Signature Mark: VAEB-JMXX-8IIL

Date Signed: 20010808

**BASIC FILING FEE**

| Fee Description    | Fee Code | Fee Paid |
|--------------------|----------|----------|
| Utility Filing Fee | 101      | \$ 710   |

Subtotal For Basic Filing Fee: \$ 710

**EXTRA CLAIM FEES**

|                       | Fee Code | Fee   | Extra Claims | Fee Paid |
|-----------------------|----------|-------|--------------|----------|
| Total Claims: 7       | 103      | \$ 18 | 0            | \$ 0     |
| Independent Claims: 2 | 102      | \$ 80 | 0            | \$ 0     |

Subtotal For Extra Claims Fees: \$ 0

**ADDITIONAL FEES**

| Fee Description                                   | Fee Code | Fee Paid |
|---|----------|----------|
| Recording Each Patent Assignment Per Property Fee | 581      | \$ 40    |

**Subtotal For Additional Fees: \$ 40**

# Electronic Filing System (EFS) Data

## Electronic Patent Application Submission

### USPTO Use Only

EFS ID: 12053  
Application ID: 09682214  
Title of Invention: DRAM CIRCUITRY WITH A LONGER REFRESH PERIOD  
First Named Inventor: Ta-Cheng Lin  
Domestic/Foreign Application: Domestic Application  
Filing Date: null  
Effective Receipt Date: 2001-08-07   
Submission Type: Utility Patent Filing  
Filing Type: new-utility  
Confirmation Number: 0  
Attorney Docket Number: NAUP0428USA  
Digital Certificate Holder: cn=Winston Hsu, ou=Registered Attorneys, ou=Patent and Trademark Office, ou=Department of Commerce, o=U.S. Government, c=US  
Certificate Message Digest: QOk1vMqbWS6czK1xQD0Kww==  
Total Fees Authorized: \$750.0

Payment Category: DA - Deposit Account  
Deposit Account Number: 500801  
Deposit Account Name: WINSTON HSU

## Figures